The Internet

1. What is the Internet? How is it different from the World Wide Web?
   The internet is the foundation of connecting a computer to any other computer. Once two computers are connected over the internet, they can surf the web. The World Wide Web is part of the internet that contains websites and webpages. The web is a service on the internet.

2. How is the Internet built and how does it function?
   Many Scientists had the ideas of transmitting electronic data to other computers in very rapid and effortless manner. However, the concept did not come true until the late 1960s, the concept of “packet switching,” which allows data to transfer between many computers onto a single network is the foundation of the Internet. The internet is built on IP addresses which are forms of communication, its common to transfer IP addresses through other networks.

3. What aspects of the internet’s design and development have helped it scale and flourish?
   The internet is an easy way of sharing ideas and communicating. Electronic devices such as phones connect to servers in order for it to be able to transfer data with other devices. The internet has advanced so well because of its concept “packet switching.” Since the web is a development of the internet, it can access data online such as websites and hyperlinks, which have made the internet such a popular phenomenon.

4. Net neutrality is about more than free speech, entrepreneurialism, and treating all data and information equally. What sort of regulations and interventions will need to be installed for the government can monitor compliance with net neutrality laws? Will net neutrality be chilling to competition? Will it be chilling to privacy? Will net neutrality be chilling to freedom? Is it wrong to charge more for certain types of Internet traffic than others? If not, which types of traffic might qualify?
Net neutrality has companies trying to take advantage of their power over the internet. When using the internet one would have to go through an ISP which is basically the internet’s provider, such as Xfinity internet or AT&T internet. If there were no neutrality laws then internet providers could charge someone for using Facebook or Twitter. For example, let's say the internet is a highway and people who own the highway are ISP. The point of net neutrality laws is to keep the highways neutral and giving everyone access to the same highway lanes. However, if the government gets rid of those laws then internet providers like AT&T can make a fast lane and a slow lane. For instance, if a services like Netflix doesn't pay AT&T more money, internet providers have the option to put Netflix on the slow lane which one won’t have easy access to any longer. AT&T could sell you packages that have services one can use, but with a monthly subscription. Overall, net neutrality to me is a form of advantage to the people and not helpful if there are no laws protecting what was once free and accessible to everyone (the internet).

sources

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